

SkySMC - System Monitoring and Control

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SkySMC - SkyRadar's System Monitoring and Control Suite is a pedagogically enhanced, fully operational monitoring tool. It is optimized to cater for ATSEP-SMC training compliant to [EASA's Easy Access Rules](#) for ATM (EU Regulation 2017/373) and [ICAO Doc 10057](#).

SkySMC comes by default on a hardware server. There are various software packages and hardware extensions available from a [training infrastructures](#) and monitorable [training radars](#) to complete ATM systems.

SkyRadar's System Monitoring & Control training system can be easily blended into distance learning solutions.

FEATURES



Qualifying ATSEP & Military Trainees in compliance with the EASA Easy Access Rules

Interactive Panels, Virtual Reality, Open System Architecture, many

- Configurable Monitoring and Control Software (SMC) in "FreeScopes" style
- Several views: Block View, DCS, Site, Admin, Troubleshooting Panel, Socket Panel, FreeScopes, Airport Website
- Various communication protocols including SNMP, JSON
- Monitoring of any external system through IP-address and Object Identifier (OID).
- Connectable to virtualized ATC environments, virtual reality sites and applications (object packages, extensions)
- Connectable to hardware extensions such as
 - the [8 GHz Training Radar](#),
 - a fully operational [Air Traffic Management system and tower simulator](#) providing error messages,
 - a pedagogical server-rack [*SkyRack*](#) with touch screen ([troubleshooting panel](#)), two servers, networks, UPS and possibilities to create faults and errors,
 - or a configurable multi-sensor module, allowing to monitor any device or system on parameters like voltage, current, illumination, pressure, temperature and many more and connected technical training labs, enabling to set up a monitoring system and to train error fixing from scratch,
 - any hardware with an IP and a OID address.

software & hardware packages.

PREREQUISITES

- [Cloud Server](#)
- [Server Module](#) to accommodate the software

EXTENSIONS

- [SkySim Radar Simulator](#) (recommended)
- [SkyRack](#) ATM training infrastructure
- SkySMC Object Package SUR (recommended)
- SkySMC Object Package DPR & Facilities (recommended)
- SkySMC Object Package COM
- SkySMC Object Package NAV
- Teaching Set ATSEP.QLF.SMC
- Teaching Set ATSEP.QLF.SUR
- Teaching Set ATSEP.QLF.COM
- Teaching Set ATSEP.QLF.NAV
- Configurable multi-sensor module
- [8 GHz Pulse Radar](#)
- [Rotary Tripod](#)
- [FreeScopes Basic I](#)
- [FreeScopes Basic II](#)
- [FreeScopes ATC I](#)
- [FreeScopes ATC II](#)

Webinar: SkyMon - System Monitoring and Control

SkyRadar offers the world-wide most comprehensive range of training systems for ATSEP and ATCO qualification.